

1 *Sub c1* 1. (Twice Amended) A method for determining a composite
2 measure indicative of the presence of a wide variety of dietary antioxidants in a liquid
3 sample comprising the steps of:
4 providing a liquid sample containing dietary material or a biological fluid
5 to be tested;
6 contacting the liquid sample with an aqueous solution of elemental iodine
7 and an iodophor to form a mixture; and
8 measuring a change in a concentration of iodide ions in the mixture
9 wherein the change represents the composite measure of the
10 presence of a wide variety of dietary antioxidants in the dietary
11 material or the biological fluid.

1 *Sub c2* 4. (Twice Amended) A method for determining a composite
2 measure indicative of the presence of a wide variety of dietary antioxidant in an aqueous
3 liquid sample comprising the steps of:
4 providing an aqueous liquid sample containing dietary material or a
5 biological fluid to be tested;
6 contacting the sample with an aqueous solution of elemental iodine and
7 polyvinylpyrrolidone to form a mixture; and
8 measuring an increase in a concentration of iodide ions in the mixture by
9 means of an iodide selective electrode wherein the increase
10 represents the composite measure of the presence of a wide variety
11 of dietary antioxidants in the dietary material or the biological
12 fluid.